SR-1000

Standalone Integrated Media Block™

The cutting-edge and future-proof IMB that exhibitors desire!

" GDC has been at the forefront of cinema technology development since the advent of digital cinema. By introducing first-to-market solutions, GDC is recognized globally as a leader of integrated media block (IMB) technology. The SR-1000 is the company's sixth-generation digital cinema media server, which is designed for near-zero maintenance and minimal total cost of ownership. "
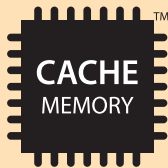
SR-1000 Standalone IMB™

Key Benefits

1

CineCache™

The SR-1000 IMB is designed with diskless CineCache (built-in cache memory). Content ingest and playback can be performed concurrently without local HDD storage. Incredibly fast ingest during playback.

CACHE
MEMORY
™

2

Supports the playback of thousands of movies

Take full advantage of show scheduling with Ultra Storage technology which enables the playback of over 2,000 movies when combined with Cinema Automation CA2.0. No ingest of content is needed for SR-1000 playback, eliminating content management operation.

ULTRA
storage

3

High reliability

With built-in embedded power electronics used in medical and military products, the overall system stability is ensured. SR-1000 is SGS certified for 100,000 hours MTBF.

4

Compatibility with Series 1, 2, 3 and 4 projectors

The SR-1000 IMB seamlessly integrates with Series 1, 2, 3 and 4 projectors including Barco, Christie and NEC to ensure highly reliable and secure content delivery.

5

User-friendly and intuitive web-based user interface with wireless access

The web-based UI is user-friendly and intuitive. With drag-and-drop, filtering and navigating functions, operators can easily switch between tabs or pages. Other than accessing the UI through a computer or a laptop, wireless access is also enabled by using mobile devices such as a smart phone or a tablet.

Technical Specifications

System Interfaces
- 2 x Gigabit Ethernet – (1GbE/RJ-45)
- 1 x eSATA 6 Gbps
- 2 x USB 3.0 (A-Type Female)
- 1 x BNC (video sync input)
- 1 x HDMI® 2.0 (alternative content input)
- 8 x GPI (2 x RJ-45)
- 8 x GPO (2 x RJ-45)

Audio Output
- 16/24-bit AES/EBU, 16 channels, 48/96 kHz (2 x RJ-45)

DCP Playback
- DCI-compliant
- JPEG 2000[1] – Standard
  - 2K - 24, 25, 30, 48, 50, 60 (2D)
  - 2K - 24, 25, 30 (3D)
  - Option with Upgrade[2]
  - HFR Option: 2K - 120 (2D); 48, 50, 60 (3D)
  - 4K Option: 4K - 24, 25, 30 (2D)
- MPEG-2/MPEG-4 – SD/HD
- SMPTE Digital Cinema Package (DCP), Interop DCP

Video Processing Features
- Color-space conversion – supports YCbCr709, REC 709, XYZ', YCxCz
- Deinterlacing
- Scaler to support 2K & 4K projectors

Control
- Web-based graphical user interface
- Cinema Automation – CA2.0
- Automatic playlist programming – CA2.0

Security
- NexGuard® forensic watermarking
- FIPS 140-2 (Level 3 security certified)

Third-party Integration Options
- Third-party TMS
- Third-party 4D systems

Subtitles
- Subtitle overlay
- Projector Cinecanvas™ support

Power Consumption
- Less than 75 W

Storage Option
- Redundant local hot swappable storage (up to 32TB)
- Ultra Storage – CA2.0 Centralized Storage Server

Closed Captioning Device
- Support SMPTE430-10

Physical & Environmental
- Dimensions – 320 (W) x 240 (D) x 63.7 (H) mm
- Weight – 1.4 kg
- Operating temperature – 0°C to 40° (32°F to 104°F)
- Operating humidity – 20% to 90%, non-condensing
- Maximum operating altitude – 10,000 ft. (3,000m) above sea level[3]

[1] Check with GDC on specific frame rate & resolution support
[2] Paid license required
[3] Depending on specification of the hard disk

GDC